

Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

[Trp53^{tm1.1Dgk}/Trp53⁺](#); [Pdx1^{tm1.1\(flpo\)Most}/Pdx1⁺](#);
[Kras^{tm5Tyj}/Kras⁺](#)

RRID:MGI:6273511

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:6273511

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: increased pancreatic ductal adenocarcinoma incidence, premature death, increased pancreatic intraepithelial neoplasia incidence

Affected Gene: Kras, Pdx1, Trp53

Genomic Alteration: tm1.1(flpo)Most, tm5Tyj, tm1.1Dgk

Catalog Number: 6273511

Background: involves: 129S1/Sv * 129S1/SvImJ * 129X1/SvJ * Black Swiss * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:28934293](#)

Organism Name: Trp53^{tm1.1Dgk}/Trp53⁺; Pdx1^{tm1.1(flpo)Most}/Pdx1⁺; Kras^{tm5Tyj}/Kras⁺

Record Creation Time: 20240120T185742+0000

Record Last Update: 20240130T201513+0000

Ratings and Alerts

No rating or validation information has been found for Trp53^{tm1.1Dgk}/Trp53⁺; Pdx1^{tm1.1(flp0)Most}/Pdx1⁺; Kras^{tm5Tyj}/Kras⁺.

No alerts have been found for Trp53^{tm1.1Dgk}/Trp53⁺; Pdx1^{tm1.1(flp0)Most}/Pdx1⁺; Kras^{tm5Tyj}/Kras⁺.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Gier B, et al. (2012) Chronic GLP-1 receptor activation by exendin-4 induces expansion of pancreatic duct glands in rats and accelerates formation of dysplastic lesions and chronic pancreatitis in the Kras(G12D) mouse model. Diabetes, 61(5), 1250.